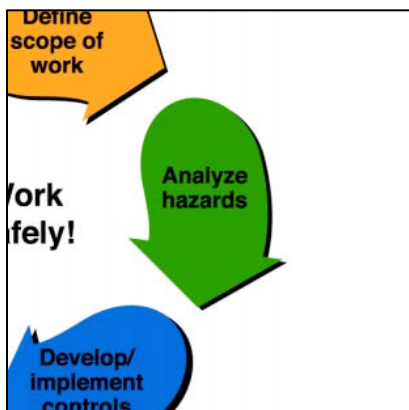


# Every Day Hazard Analysis And Control Implementation

*Message from Mike Wisherop, 9 November 2015*



**Time to go to work.** You grab your coat and umbrella and head out the door. The roads are wet after the first rain of the season and you know they are going to be exceptionally slick and visibility will be reduced. You installed new wiper blades and checked your tire pressure and tread depth just the other day. You drive slower and stay further back from the car in front of you than usual in case you have to brake hard or make a sudden movement on the road. You get to work safely.

**You did all of this, right?**

In this example the conditions have changed from normal. Knowing the hazards and adjusting accordingly is an integral part of everyday life. At the Lab, we practice hazard analysis and control implementation in the form of **Integrated Safety Management (ISM)**. They occur when WPC Activities are developed and are reviewed with workers when they are assigned.

**But what happens when the environment changes?** What if you want to scale up the chemistry? What if one of your normally reliable control measures is not working properly? **What would YOU do?**

You conduct a hazard analysis to determine if the current controls are sufficient or if new controls should be developed and implemented to ensure work can continue to be done safely. It starts with a short meeting between you, the PI, lab manager or staff scientist to review the changed conditions and potential new hazards. It can require updating WPC Activities or writing new activities all together.

**Here are a few examples that may “trigger” a new hazard analysis:**

- New work
- Scope change
- Chemical/material substitution
- Scale up
- Normal controls become unavailable or stop working properly
- Unexpected reaction
- [Stop Work Policy](#) enacted
- Hazards introduced by co-located activities

If you need help with hazard analysis please contact your [EH&S technician](#).

Thank you,

Mike Wisherop

[MPWisherop@lbl.gov](mailto:MPWisherop@lbl.gov)

510.486.7407